IN THE CLAIMS:

The following is a complete listing of the claims, and replaces all earlier version and listings.

1. (currently amended): An image data processing apparatus for processing image data to be printed, comprising:

a print-quality acquisition unit adapted to acquire information relating to print quality which is instructed by a user; and

a selection unit adapted to select a combination of a color space and bit precision ~~to which the image data to be printed will be converted~~, based upon the acquired information relating to print quality;

a conversion unit adapted to convert the input image data to the selected color space and bit precision;

a correction unit adapted to correct the converted image data; and

an output unit adapted to output the corrected image data to a printer,

wherein the printer forms, based on the acquired information relating to print quality, image on a printing medium.

~~wherein the image data is converted to the color space and bit precision selected by said selection unit.~~

2. (canceled).

3. (currently amended): The apparatus according to claim 1, wherein the information relating to print quality is type of the medium ~~on which the image data is printed~~.

4. (currently amended): The apparatus according to claim 1, wherein the information relating to print quality is resolution ~~that prevails when the image data is printed~~.

5. (currently amended): An image data processing method for processing image data to be printed, comprising:

a print-quality acquisition step of acquiring information relating to print quality which is instructed by a user; and

a selection step of selecting a combination of a color space and bit precision ~~to which the image data to be printed will be converted~~, based upon the acquired information relating to print quality;

a conversion step of converting the input image data to the selected color space and bit precision;

a correction step of correcting the converted image data; and

an output step of outputting the corrected image data to a printer,

wherein the printer forms, based on the acquired information relating to print quality, image on a printing medium.

~~wherein the image data is converted to the color space and bit precision selected at said selection step~~.

6. (original): The method according to claim 5, wherein said selection step is capable of selecting either of 8-bit sRGB color space or 16-bit xRGB color space.

7. (currently amended): The method according to claim 5, wherein the information relating to print quality is type of the medium ~~on which the image data is printed~~.

8. (currently amended): The method according to claim 5, wherein the information relating to print quality is resolution ~~that prevails when the image data is printed~~.

9. (canceled).

10. (currently amended): A ~~recording~~ computer-readable medium storing a control program for causing a computer to performa ~~the~~ image data processing method ~~set forth in claim 5 to be implemented by a computer~~ for processing image data to be printed, comprising:

a print-quality acquisition step of acquiring information relating to print quality which is instructed by a user; and

a selection step of selecting a combination of a color space and bit precision, based upon the acquired information relating to print quality;

a conversion step of converting the input image data to the selected color space and bit precision;

a correction step of correcting the converted image data; and

an output step of outputting the corrected image data to a printer,

wherein the printer forms, based on the acquired information relating to print quality, image on a printing medium.

11. - 13. (canceled).